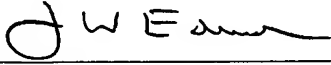


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| 000FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE REV. 2/01T <div style="text-align: center; padding: 10px;"> TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 </div> | | CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER 07057.0115-00000 <hr/> U.S. APPLICATION NO. (If known, see 37CFR1.5) <div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/560307</div> |
| INTERNATIONAL APPLICATION NO. PCT/IB2004/002931 | INTERNATIONAL FILING DATE September 9, 2004 | PRIORITY DATE CLAIMED November 9, 2003 |
| TITLE OF INVENTION OBJECT DETECTION SYSTEM AND METHOD OF DETECTING OBJECT | | |
| APPLICANT(S) FOR DO/EO/US Kyoichi ABE et al. | | |
| Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau. b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed with the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154 (d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> Information Disclosure Statement under 37 CFR 1.97 and 1.98 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A Substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154 (d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> Copy of cover page of International Publication No. WO 2005/024464 b. <input checked="" type="checkbox"/> Request for Substitution of Replacement Sheets along with replacement sheets for specification and claims (6 pages total). c. | | |

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| U.S. APPLICATION NO. (If known, see 37CFR 1.5) 10/560307 | | INTERNATIONAL APPLICATION NO. PCT/IB2004/002931 | | ATTORNEY'S DOCKET NUMBER 07057.0115-00 | |
| 21. <input checked="" type="checkbox"/> The following fees are submitted: | | | | Applicant Use | Office Use Only |
| BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): | | | | \$300.00 | |
| National Stage Search Fee (ISR provided)..... | | | | \$400.00 | |
| National Stage Examination Fee..... | | | | \$200.00 | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$ 900.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of additional 50 or fraction thereof (rounded up to a whole number) | Rate | | |
| 83 = | 50 = | 0 | x 250.00 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). | | | | <input type="checkbox"/> 20 <input type="checkbox"/> 30 | \$ |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total Claims | 8-20 = | 0 | x \$50.00 | \$ | |
| Independent Claims | 2 - 3 = | 0 | x \$200.00 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | +\$360.00 | \$ 360.00 | |
| TOTAL OF THE ABOVE CALCULATIONS = | | | | \$ | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | \$ 1260.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than months from the earliest priority date (37 CFR 1.492(f)). | | | | <input type="checkbox"/> 20 <input type="checkbox"/> 30 | \$ |
| TOTAL NATIONAL FEE = | | | | \$ 1260.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. | | | | \$ 40.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ 1,300.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | charged: | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,300.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0916</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Washington, D.C. 20001-4413 | | | | | |
| | | | |  SIGNATURE James W. Edmondson/33,871 NAME/REGISTRATION NO. | |
| DATED: December 12, 2005 | | | | | |